

COUNTRY PROFILE

YEMEN

CLIMATE: **HIGH** CARBON: **MODERATE**

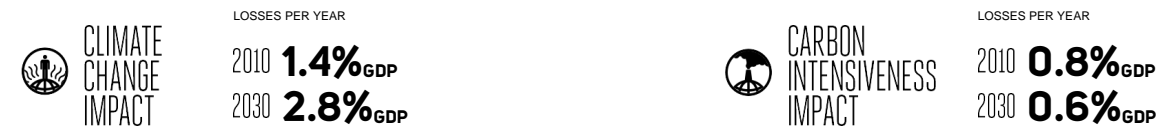
THE MONITOR ASSESSMENT

The Climate Vulnerability Monitor provides a comprehensive national-level assessment of vulnerabilities and impact specifically related to contemporary climate change and carbon intensiveness. This 2012 Monitor assessment was commissioned by the Climate Vulnerable Forum and has been independently developed by DARA. It is grounded in leading and up-to-date scientific studies, research and data assimilated on the basis of an externally reviewed methodology. The assessment spans 34 indicators of impact/vulnerability: 22 for climate change ("Climate") and 12 for carbon intensiveness ("Carbon"). Estimates in human, economic and environmental terms are for 2010 and 2030. Vulnerability at country-level and by indicator is comparative to the 184 countries included in the assessment.

→ For the full report, data & additional info: www.daraint.org/cvm2 - cvm@daraint.org - +34 915310372

ECONOMIC NATIONAL LOSS TOTALS: YEMEN

ADDITIONAL ECONOMIC COSTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



HUMAN NATIONAL LOSS TOTALS: YEMEN

ADDITIONAL HUMAN IMPACTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



FULL COUNTRY ASSESSMENT: YEMEN

	VULNERABILITY LEVEL		ADDITIONAL ECONOMIC COSTS (MILLION USD PPP)		ADDITIONAL MORTALITY		ADDITIONAL AFFECTED POPULATION (1000s)		OTHER VALUE 1*		OTHER VALUE 2*	
	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030
ENVIRONMENTAL DISASTERS												
			1	5								
	-	+	35	250	1	1	7	25				
			25	200								
TOTAL			61	455	1	1	7	25				
HABITAT CHANGE												
	+	-	150	1,250					-3,250	-6,500	30	100
			-1	-1			-1	-5	-30	-55		
	-	+	200	2,250					1,500	4,750	1,000	3,250
			20	150					20	13		
			150	1,250			0	0	45	150		
			-10	-60					-0	-0		
TOTAL			510	4,839			-1	-5				
HEALTH IMPACT												
	+	+			400	850	0					
	+	-			200	450						
	+	+			1,250	1,500	1	1				
	+	+			80	95	20	25				
	-	+			150	300	0	0				
TOTAL					2,080	3,195	21	27				
INDUSTRY STRESS												
	-	-	100	800								
			30	250								
TOTAL			130	1,050								
CLIMATE TOTAL			699	6,344	2,081	3,196	28	46				
ENVIRONMENTAL DISASTERS												
			10	30					200	200		
TOTAL			10	30								
HABITAT CHANGE												
			15	100					5	10		
				1								
TOTAL			15	100.5								
HEALTH IMPACT												
	-	-			1,750	4,000	20	50				
	+	+			10,000	20,000	500	900				
					20	30	3	5				
					15	55	0	0				
TOTAL					11785	24085	523	955				
INDUSTRY STRESS												
			-10	-350								
			10	50								
TOTAL			0	-300								
CARBON TOTAL			25	-170	11,785	24,085	523	955				

VULNERABILITY LEVELS:

- Acute+ High+
- Acute- High-
- Severe+ Moderate
- Severe- Low

+ = Upper tier of vulnerability level
- = Lower tier of vulnerability level

- Environmental disasters
- Habitat change
- Health impact
- Industry stress

CLIMATE = Impact/Vulnerability to Climate Change

CARBON = Impact/Vulnerability to Carbon Intensiveness

	OTHER VALUE 1	OTHER VALUE 2
BIODIVERSITY	Contraction of biological zones (km ²) (cumulative)	Decline in biological richness
DESERTIFICATION	Additional land degraded (km ²) (cumulative)	
HEATING & COOLING	Change in energy load (GWh)	
LABOUR PRODUCTIVITY	Share of workforce particularly affected (%)	
SEA-LEVEL RISE	Net loss of land (km ²) (cumulative)	
WATER	Loss in water runoff 2030 (km ³)	
OIL SANDS	Tonnes toxic waste ('000s)	
OIL SPILLS	Gallons oil spill ('000s)	
BIODIVERSITY	Decline in biological richness	
WATER	Volume of water to treat (millions m ³)	